L Number	Hits	Search Text	DB	Time stamp
–	2	(("5578839") or ("5777350")).PN.	USPAT	2002/02/23 14:05
–	14	((cladding adj layer near12 algan) near12 (al or aluminum or aluminium)) near12 (content or percent$3 or ratio)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/23 14:50
–	14	(((cladding adj layer near12 algan) near12 (al or aluminum or aluminium)) near12 (content or percent$3 or ratio)) and nitride	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/23 15:05
–	97	optical adj guide adj layer and light adj emitting adj device	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/23 15:07
–	97	((aluminum or al or aluminium) with composition adj ratio) and light adj emitting adj device	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/23 15:08
–	58	(((aluminum or al or aluminium) with composition adj ratio) and light adj emitting adj device) and nitride	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/23 15:34
–	194	(composition ratio near12 (al or aluminum or aluminium)) near12 (cladding adj layer) and nitride	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/23 15:36
–	9	(composition ratio near8 (al or aluminum or aluminium)) near8 (cladding adj layer) and (nitride same light adj emitting) and crack$3 and band adj gap and refractive adj index	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/23 16:43
–	1	nitride.ti,ab. and light adj emitting.ti,ab. and ((aluminum near12 cladding) near12 (thick or thickness))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/23 16:51
–	7	light adj emitting.ti,ab. and ((aluminum near12 cladding) near12 (thick or thickness)) and nitride	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/23 17:45
–	2	(band adj gap near12 indium) near12 (algainn or alingan or gainaln or ingaaln)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/23 18:05
–	3	5886367.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/23 19:41
–	4	algainn near12 refractive adj index	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/23 19:09
–	101	(optical adj guide near12 active adj layer) and light adj (emitting or light-emitting).ti,ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/23 19:11

–	22	(optical adj guide near6 active adj layer) and light adj (emitting or light-emitting).ti,ab. and nitride	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/23 19:11
–	5	hayashi.in. and light adj emitting.ti,ab.	US-PGPUB	2002/02/23 20:48
–	623	(("257/96") or ("257/97")).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/23 20:51
–	478	(("257/96") or ("257/97")).CCLS.	USPAT	2002/02/23 20:54
–	50	leakage and ((("257/96") or ("257/97")).CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/23 21:00
–	4	(leakage and ((("257/96") or ("257/97")).CCLS.)) and leakage adj3 layer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/23 21:06
–	0	((leakage and ((("257/96") or ("257/97")).CCLS.)) and leakage adj3 layer) and nitride	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/23 21:10
–	96	leakage adj current and nitride and active adj layer and light adj emitting	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/23 21:14
–	94	leakage adj current and nitride and active adj layer and light adj emitting and (aluminum or al)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/23 21:13
–	41	leakage adj current and nitride and active adj layer and light adj emitting.ti,ab. and (aluminum or al)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/23 21:13
–	0	leakage adj current and nitride and active adj layer and light adj emitting and leakage adj2 (layer or film)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/23 21:15
–	3	leakage adj current and active adj layer and light adj emitting and leakage adj2 (layer or film)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/23 21:16
–	35	nakamura.in. and (blue near6 light-emitting)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/24 11:33
–	3	(nakamura.in. and (blue near6 light-emitting)) and leak$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/24 11:48
–	236	((leak$3 near4 prevent$3) near4 (layer or film)) and light adj emitting	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/24 11:51

—		98	((leak$3 near4 prevent$3) near4 (layer or film)) and light adj emitting.ti,ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/24 11:51
—		13	((leak$3 near4 prevent$3) near4 (layer or film)) and light adj emitting.ti,ab. and aluminum and nitride	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/24 11:57
—		47	((leak$3 near4 prevent$3) near4 (layer or film)).ti,ab. and light adj emitting.ti,ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/24 11:58
—		5	((leak$3 near4 prevent$3) near4 (layer or film)).ti,ab. and light adj emitting.ti,ab. and nitride.ti,ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/24 12:46
—		0	ridged adj portion near6 cladding adj layer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/24 12:48
—		1	ridged adj portion and light adj emitting.ti,ab. and nitride	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/24 13:25
—		116	(multiple adj quantum adj well or mqw) with advantage	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/24 13:26
—		6	((multiple adj quantum adj well or mqw) with advantage) and (light-emitting adj device or light adj emitting adj device).ti,ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/24 14:02
—		0	electric adj field adj distribution with laser adj light with (mqw or multiple adj quantum adj well)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/24 14:03
—		3	electric adj field adj distribution near12 (mqw or multiple adj quantum adj well)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/24 14:09
—		0	electric adj field adj distribution near12 (laser adj cavity)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/24 14:10
—		4	hayashi.in. and nitride and light adj emitting and leak$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/24 14:18
—		42	current adj blocking adj (film or layer) and light adj emitting.ti,ab. and nitride and aluminum	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/24 14:19
—		20	(current adj blocking adj (film or layer) near12 strip$3) and light adj emitting.ti,ab. and nitride and aluminum	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/24 14:21

-	13	(current adj blocking adj (film or layer) near12 strip$3) and light adj emitting.ti,ab. and nitride and aluminum and (blue or violet)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/24 14:26
-	6	((current adj blocking adj (film or layer) near12 strip$3) near12 (window or opening)) and light adj emitting.ti,ab. and nitride and aluminum and (blue or violet)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/24 14:35
-	0	(((current adj blocking adj (film or layer) near12 strip$3) near12 (window or opening)) near12 advantage) and light adj emitting.ti,ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/24 15:39
-	37	optical adj guide adj (layer or film) near12 (contact adj layer or electrode) and light adj emitting.ti,ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/24 15:41
-	16	optical adj guide adj (layer or film) near12 (contact adj layer or electrode) and light adj emitting.ti,ab. and nitride	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/24 16:03
-	427	("257/80").CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/24 16:04
-	345	("257/81").CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/24 16:04
-	796	("257/82").CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/24 16:04
-	665	("257/94").CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/24 16:04
-	233	("257/95").CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/24 16:04
-	1332	("257/99").CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/24 16:04
-	922	("257/103").CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/24 16:04
-	1122	("372/75").CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/24 16:04
-	461	("257/79").CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/24 16:05

–	461	("257/79").CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/24 16:05
–	187	("257/79").CCLS.	USPAT	2002/02/24 16:10
–	5496	(("257/80").CCLS.) or (("257/81").CCLS.) or (("257/82").CCLS.) or (("257/94").CCLS.) or (("257/95").CCLS.) or (("257/99").CCLS.) or (("257/103").CCLS.) or (("372/75").CCLS.) or (("257/79").CCLS.) or (("257/79").CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/24 16:11
–	54	((("257/80").CCLS.) or (("257/81").CCLS.) or (("257/82").CCLS.) or (("257/94").CCLS.) or (("257/95").CCLS.) or (("257/99").CCLS.) or (("257/103").CCLS.) or (("372/75").CCLS.) or (("257/79").CCLS.) or (("257/79").CCLS.)) and optical adj guide adj (layer or film)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/24 16:58
–	5	((("257/80").CCLS.) or (("257/81").CCLS.) or (("257/82").CCLS.) or (("257/94").CCLS.) or (("257/95").CCLS.) or (("257/99").CCLS.) or (("257/103").CCLS.) or (("372/75").CCLS.) or (("257/79").CCLS.) or (("257/79").CCLS.)) and (clad$4 adj (layer or film) near12 disadvantage)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/24 17:45
–	2	6177292.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/24 18:03
–	3	5886367.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/24 18:03